

Country	Network	Zone	Permanent Roaming
Afghanistan	Etisalat	K4	
	MTN	K4	
	TDCA (Roshan)	K4	
Albania	Eagle Mobile	K4	
	Vodafone	K1	
Algeria	ATM Mobilis	K3	
	Ooredoo	K3	
Andorra	Mobiland (Andorra)	K7	
Angola	Unitel	K6	
Anguilla	Digicel	K4	
	FLOW	K5	
Antigua and Barbuda	Digicel	K4	
	FLOW	K5	
Argentina	Claro	K3	
	Movistar	K4	
	Personal	K4	
Armenia	Beeline	K3	
	Ucom	K5	
Aruba	Digicel	K4	
Australia	Optus	K2	
	Telstra	K2	
	Vodafone	K3	
Austria	A1	K1	
	H3G	K1	
	T-Mobile	K1	
Azerbaijan	Azercell	K3	
	Bakcell	K3	
Bahamas	Aliv	K5	
	BTC	K9	
Bahrain	Batelco	K4	
	Zain	K3	
Bangladesh	Banglalink	K3	
	Grameenphone	K4	
Barbados	Digicel	K4	
	FLOW	K5	
Belarus	MTS	K4	
	velcom	K1	
Belgium	Base	K1	
	Orange	K1	
	Proximus	K1	
Belize	DigiCell	K5	
	Smart	K4	
Benin	Moov	K5	
Bermuda	Digicel	K4	

Country	Network	Zone	Permanent Roaming
	ONE	K3	
Bolivia	Tigo	K4	
	Viva	K4	
Bonaire / Sint Eustatius / Saba / Cu	Digicel	K4	
	TelCell SX	K4	
Bosnia and Herzegovina	BH Mobile	K2	
	HT-ERONET	K1	
	mtel	K3	
Botswana	MTN	K4	
	Orange	K4	
Brazil	Claro	K3	90 days
	TIM	K5	90 days
	Vivo	K4	90 days
British Virgin Islands	CCT - Carribean Cellular Telephone	K3	
	FLOW	K5	
Brunei Darussalam	PCSB	K3	
	UNN	K3	
Bulgaria	A1	K1	
	Telenor	K1	
	Vivacom	K1	
Burkina Faso	Orange	K5	
Burundi	Smart Mobile	K5	
Cabo Verde	CVMOVEL	K6	
	Unitel (T+)	K6	
Cambodia	CamGSM	K4	
	Metfone (Viettel)	K4	
	Smart	K3	
Cameroon	MTN	K4	
	Orange	K4	
Canada	Bell	K2	
	Rogers Wireless	K3	
	SaskTel	K2	
	TELUS	K2	
	Videotron	K3	
Cayman Islands	Digicel	K4	
	FLOW	K5	
Central African Republic	Moov	K4	
	Orange	K4	
Chad	Airtel	K4	
	Millicom (Tigo)	K5	
Chile	Claro	K3	
	Entel	K4	
	Telefonica	K4	
	WOM S.A.	K4	

Country	Network	Zone	Permanent Roaming
China	China Mobile	K3	
	China Telecom	K4	
	China Unicom	K4	
Colombia	Claro	K3	
	Movistar	K4	
Congo	Airtel	K4	
	MTN	K4	
Costa Rica	Claro	K4	
	ICE	K5	
	Movistar	K4	
Cote d'Ivoire	MTN	K4	
	Orange	K4	
Croatia	A1	K1	
	T-Mobile	K1	
	Tele2	K1	
Cyprus	CYAmobile-Vodafone	K1	
	MTN	K1	
	Primetel	K1	
Czech Republic	O2	K1	
	T-Mobile	K1	
	Vodafone	K1	
Democratic Republic of Congo	Airtel	K4	
	Tigo	K6	
	Vodacom	K4	
Denmark	Hi3G	K1	
	TDC	K1	
	Telenor	K1	
	Telia	K1	
Dominica	Digicel	K4	
	FLOW	K5	
Dominican Republic	Altice	K3	
	Claro	K3	
	Viva	K4	
Ecuador	Claro	K3	
	CNT	K4	
	Movistar	K4	
Egypt	Orange	K4	
	Vodafone	K4	
El Salvador	Claro	K4	
	Digicel	K4	
	Movistar	K4	
	Tigo	K4	
Equatorial Guinea	Getesa	K8	
	Hits Guinea	K5	

Network Coverage
Q4 2021



Country	Network	Zone	Permanent Roaming
Estonia	Elisa	K1	
	Tele2	K1	
	Telia	K1	
Ethiopia	Ethio Telecom	K10	
Faroe Islands	Faroese Telecom	K4	
	Hey	K2	
Fiji / Nauru	Digicel	K4	
	Vodafone	K4	
Finland	Alcom	K1	
	DNA	K1	
	Elisa	K1	
	Telia	K1	
France	Bouygues	K1	
	Free Mobile	K1	
	Orange	K1	
	SFR	K1	
French Guiana / St Barthelemy / St	Dauphin Telecom	K1	
	Digicel Antilles	K1	
	Orange Caraibe	K4	
	SFR Caraibe	K1	
Gabon	Airtel	K4	
	Libertis	K4	
Gambia	Africell	K4	
	Qcell	K4	
Georgia	Beeline	K3	
	Geocell	K4	
Germany	Telefonica O2	K1	
	Telekom	K1	
	Vodafone	K1	
Ghana	AirtelTigo	K4	
Gibraltar	Gibtel	K1	
Greece	Cosmote	K1	
	Vodafone	K1	
	Wind	K1	
Greenland	TELE	K3	
Grenada	Digicel	K4	
	FLOW	K5	
Guatemala	Claro	K4	
Guinea	MTN	K4	
Guinea-Bissau	MTN	K4	
	Orange	K4	
Guyana	Digicel	K4	
	Guyana Tel	K3	
Haiti	Comcel	K4	

Country	Network	Zone	Permanent Roaming
	Digicel	K4	
	Natcom (Viettel)	K7	
Honduras	Claro	K4	
	Tigo	K4	
Hong Kong	3	K3	
	CMHK	K5	
	CSL	K3	
	HKT (CSL)	K3	
	SmarTone	K3	
Hungary	T-Mobile	K1	
	Telenor	K1	
	Vodafone	K1	
Iceland	Nova	K1	
	On-Wave	K1	
	SIMINN	K1	
	Viking	K1	
	Vodafone	K1	
India MCC 404	Airtel Andhra Pradesh	K3	90 days
	Airtel Chennai	K3	90 days
	Airtel Delhi	K3	90 days
	Airtel Gujarat	K3	90 days
	Airtel Haryana	K3	90 days
	Airtel Himachal Pradesh	K3	90 days
	Airtel Karnataka	K3	90 days
	Airtel Kerala	K3	90 days
	Airtel Kolkata	K3	90 days
	Airtel Madhya Pradesh	K3	90 days
	Airtel Maharashtra & Goa	K3	90 days
	Airtel Mumbai	K3	90 days
	Airtel North East	K3	90 days
	Airtel Punjab	K3	90 days
	Airtel Rajasthan	K3	90 days
	Airtel Tamilnadu	K3	90 days
	Airtel Uttar Pradesh West	K3	90 days
	Vodafone Delhi	K5	90 days
	Vodafone Gujarat	K5	90 days
	Vodafone Kerala	K5	90 days
	Vodafone Kolkata	K5	90 days
	Vodafone Maharashtra & Goa	K5	90 days
	Vodafone Mumbai	K5	90 days
	Vodafone TamilNadu	K5	90 days
India MCC 405	Airtel Assam	K3	90 days
	Airtel Bihar	K3	90 days
	Airtel Jammu&Kashmir	K3	90 days

Country	Network	Zone	Permanent Roaming
	Airtel Orissa	K3	90 days
	Airtel UP East	K3	90 days
	Airtel West Bengal	K3	90 days
	Jio	K3	90 days
	Reliance Jio Infocomm Ltd Andhra Pradesh	K3	90 days
	Reliance Jio Infocomm Ltd Assam	K3	90 days
	Reliance Jio Infocomm Ltd Bihar	K3	90 days
	Reliance Jio Infocomm Ltd Delhi	K3	90 days
	Reliance Jio Infocomm Ltd Gujarat	K3	90 days
	Reliance Jio Infocomm Ltd Haryana	K3	90 days
	Reliance Jio Infocomm Ltd Himachal Pradesh	K3	90 days
	Reliance Jio Infocomm Ltd Jammu & Kashmir	K3	90 days
	Reliance Jio Infocomm Ltd Karnataka	K3	90 days
	Reliance Jio Infocomm Ltd Kerala	K3	90 days
	Reliance Jio Infocomm Ltd Kolkata	K3	90 days
	Reliance Jio Infocomm Ltd Madhya Pradesh	K3	90 days
	Reliance Jio Infocomm Ltd Maharashtra	K3	90 days
	Reliance Jio Infocomm Ltd North East	K3	90 days
	Reliance Jio Infocomm Ltd Orissa	K3	90 days
	Reliance Jio Infocomm Ltd Punjab	K3	90 days
	Reliance Jio Infocomm Ltd Rajasthan	K3	90 days
	Reliance Jio Infocomm Ltd Tamil Nadu	K3	90 days
	Reliance Jio Infocomm Ltd Uttar Pradesh(East)	K3	90 days
	Reliance Jio Infocomm Ltd Uttar Pradesh(West)	K3	90 days
	Reliance Jio Infocomm Ltd West Bengal	K3	90 days
Indonesia	3	K3	
	AXIS	K2	
	Indosat Ooredoo	K4	
	Telkomsel	K3	
Iran	Irancell (MTN)	K3	
	MCI	K3	
	Rightel	K6	
Iraq	Korek	K4	
	Zain	K3	
Ireland	3	K1	
	eir	K1	
	Vodafone	K1	
Israel & Palestine	Cellcom	K2	
	Partner	K1	
	Pelephone	K2	
Italy	ILIAD	K1	
	Telecom Italia Mobile	K1	
	Vodafone	K1	
	Wind Tre	K1	

Network Coverage
Q4 2021



Country	Network	Zone	Permanent Roaming
Jamaica	Digicel	K4	
	FLOW	K5	
Japan	KDDI (au)	K3	
	NTT DOCOMO	K3	
	SoftBank	K4	
Jordan	Orange	K4	
	Umniah	K4	
Kazakhstan	Beeline	K4	
	Kcell	K3	
Kenya	Tele2	K2	
	Airtel	K4	
	Essar	K4	
	Safaricom	K4	
Korea (South)	Telecom Kenya	K4	
	KT	K3	
	LG Uplus	K2	
	SKTelecom	K4	
Kosovo	IPKO	K4	
Kuwait	Viva	K3	
	Zain	K3	
Kyrgyzstan	Beeline	K3	
Laos	ETL	K4	
	STAR TELECOM (Viettel)	K4	
Latvia	Bite	K1	
	LMT	K1	
	Tele2	K1	
Lebanon	Touch	K7	
Liechtenstein	FL1	K2	
	Salt	K2	
Lithuania	Bite	K1	
	Tele2	K1	
	Telia	K1	
Luxembourg	Orange	K1	
	Post	K1	
	Tango	K1	
Macao	CTM	K3	
	Hutchison (3)	K3	
	SmarTone	K3	
Macedonia	A1	K1	
	Telekom.mk	K3	
Madagascar	Airtel (Celtel)	K9	
Malawi	Airtel	K4	
Malaysia	Celcom	K3	
	DiGi	K3	

Country	Network	Zone	Permanent Roaming
	Maxis	K3	
	YES	K3	
Mali	Orange	K4	
Malta	EPIC	K1	
	GO	K1	
Mauritania	Chinguitel	K6	
	Mattel	K7	
	Mauritel Mobiles	K6	
Mauritius	Emtel	K6	
	Mahanagar (MTML)	K4	
	Mauritius Telecom	K4	
Mayotte / Reunion	Orange	K1	
	SFR Reunion	K1	
Mexico	AT&T	K5	
	Movistar	K4	
	Radiomovil Dipsa (Telcel)	K3	
Moldova	Orange	K3	
Monaco	Monaco Telecom	K5	
	Vala (Kosovo Network Extension)	K2	
Mongolia	MobiCom	K4	
	Skytel	K4	
	Unitel	K3	
Montenegro	Mtel	K3	
	T-Mobile	K3	
	Telenor	K1	
Montserrat	FLOW	K5	
Morocco	inwi	K5	
	Maroc Telecom (IAM)	K5	
	Orange	K6	
Mozambique	Vodacom	K4	
Myanmar	MPT	K4	
	Mytel (Viettel)	K3	
	Ooredoo	K6	
Namibia	MTC	K8	
	TN Mobile	K3	
Nepal	Nepal Telecom	K4	
Netherlands	KPN	K1	
	Vodafone (Ziggo)	K1	
New Zealand	2degrees	K3	
	Spark	K3	
	Vodafone	K1	
Nicaragua	Claro	K4	
	Movistar	K4	
Niger	Airtel	K9	

Country	Network	Zone	Permanent Roaming
	Orange	K5	
Nigeria	Airtel	K4	
	Etisalat	K5	
	MTN	K4	
NonTerrestrial 882	Aeromobile	K7	
	Telenor Maritime	K8	
Norway	TDC	K2	
	Telenor	K1	
	Telia	K1	
Pakistan	Mobilink	K3	
	Telenor	K3	
	Warid Telecom (Warid)	K3	
Panama	Claro	K3	
	Digicel	K4	
	Movistar	K4	
Papua New Guinea	Bmobile	K4	
	Digicel	K4	
Paraguay	Claro	K3	
	Tigo	K4	
Peru	Bitel (Viettel)	K4	
	Claro	K3	
	Movistar	K4	
Philippines	Globe	K4	
	Smart	K3	
Poland	Orange	K1	
	Play	K1	
	Plus (POLKM)	K1	
	T-Mobile	K1	
Portugal	MEO	K1	
	NOS	K1	
	Vodafone	K1	
Puerto Rico	Claro	K3	
Qatar	Ooredoo	K3	
	Vodafone	K4	
Romania	Digi Mobil	K1	
	Orange	K1	
	Telekom	K1	
	Vodafone	K1	
Russia	Beeline	K3	
	MOTIV (LLC Ekater...)	K3	
	MTS	K3	
	Tele2	K4	
Rwanda	Airtel	K3	
	MTN	K5	

Network Coverage
Q4 2021



Country	Network	Zone	Permanent Roaming
Saint Kitts and Nevis	Digicel	K4	
	FLOW	K5	
Saint Lucia	Digicel	K4	
	FLOW	K5	
Saint Vincent and the Grenadines	Digicel	K4	
	FLOW	K5	
Saudi Arabia	Etisalat Mobily	K3	
	STC Al-Jawal	K4	
	Zain	K3	
Senegal	Orange	K4	
	Tigo	K6	
Serbia	A1 Srbija	K1	
	Telenor	K1	
Seychelles	Cable and Wireless	K9	
Sierra Leone	Africell	K4	
	Airtel	K4	
Singapore	M1	K3	
	SingTel	K3	
	StarHub	K3	
Slovakia	O2	K1	
	Orange	K1	
	Telekom	K1	
Slovenia	A1	K1	
	Telekom	K1	
	Telemach	K1	
South Africa	Cell C	K4	
	MTN	K3	
	Vodacom	K1	
South Sudan	MTN	K4	
	Zain	K4	
Spain	Movistar	K1	
	Orange	K1	
	Vodafone	K1	
	Yoigo	K1	
Sri Lanka	Mobitel	K4	
Sudan	MTN	K4	
	Sudantel	K4	
	Zain	K4	
Suriname	Digicel	K4	
	TeleG	K4	
Sweden	3	K1	
	Tele2	K1	
	Telenor	K1	
	Telia	K1	

Country	Network	Zone	Permanent Roaming
Switzerland	Salt	K3	
	Sunrise	K3	
	Swisscom	K3	
Taiwan	APTG	K3	
	Chunghwa	K3	
	FarEasTone	K2	
	T Star	K3	
	Taiwan Mobile	K3	
Tajikistan	Beeline (Tacom)	K3	
Tanzania	Airtel	K4	
	Benson Informatics (Smart Telecom)	K5	
	Tigo	K6	
	Vodacom	K5	
	Zantel	K9	
Thailand	AIS	K4	
	dtac	K3	
	TrueMove	K3	
Togo	Moov	K6	
	Togo Cellulaire	K5	
Tonga	Digicel	K4	
Trinidad and Tobago	Digicel	K4	
Tunisia	Ooredoo	K4	
Turkey	Tuerk Telekom	K3	90 days
	Turkcell	K4	90 days
	Vodafone	K1	90 days
Turks and Caicos Islands (UK)	Digicel	K4	
	FLOW	K5	
Uganda	Airtel	K4	
	MTN	K4	
	Uganda Telecom	K5	
Ukraine	Kyivstar	K3	
	Lifecell	K3	
	Vodafone	K2	
United Arab Emirates	DU	K6	90 days
	Etisalat	K8	90 days
United Kingdom	3	K1	
	EE	K1	
	Jersey Telecom (JT)	K5	
	Manx Telecom	K1	
	O2	K1	
	Sure Guernsey	K5	
	Vodafone	K1	
United States	AT&T	K2	
	Limitless Mobile	K4	

Network Coverage
Q4 2021



Country	Network	Zone	Permanent Roaming
	T-Mobile	K2	
	Union Telephone Company	K4	
	Viaero	K5	
United States (311)	Alaska Wireless	K4	
	Commnet Wireless	K7	
	Indigo Wireless	K4	
Uruguay	Antel	K3	
	Claro	K3	
	Movistar	K4	
Uzbekistan	Beeline	K3	
	Coscom (Ucell)	K5	
Vanuatu	Digicel	K4	
Venezuela	Digitel	K4	
	Movistar	K4	
Vietnam	Mobifone	K3	
	Vietnamobile	K3	
	Viettel	K3	
	Vinaphone	K4	
Zambia	Airtel	K4	
	Zamtel	K5	
Zimbabwe	Econet	K6	